R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2940	038	01	22	76	26AE	3607	7543

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0005	07	07	04	013	Y	NW	30

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	CL	SA	S	FT	151	—	09	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00008	—	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	36° 07′	75° 43′	1554	3009	5		0915	0916
							PU	ON
FINISH	36° 09′	75° 43′	1570	3013	7		0946	0950

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200/2/5	30	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

3H5 bearing?

OBSERVATIONS

Positive purchases

2 - Am - Shad

29 - BB

26AE ✓

R/V DAN MOORE SPECIES LIST

STA. NO. 2940 DATE JAN 22 19 75 BIOLOGISTS BFH SGK JV

TOT. CATCH WT. 8.4 AIR 4 SURFACE 6.7 BOTTOM 6.7

SAMPLE WT. 8.4 RAISING FACTOR 0

8

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Anchoa hepsetus		numerous	1.5		<0.1	
Brevoortia tyrannus		24	4		0.2	range 87-301mm
Micropogon undulatus	C	2	1		0.5	
	NC	3	0.5		0.2	
Opisthonema oglinum		10	0.4		<0.1	
Alosa sapidissima		2	0.4		0.2	
Leiostomus xanthurus		4	0.1		<0.1	
Cynoscion regalis		2	0.2		0.1	
Alosa aestivalis		28	0.2		<0.1	
Lolliguncula brevis	NC	1	0.1		0.1	

Species: *Alosa sapidissima* (Am. shad)

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Oocytes	Age	Gonad stage	Station Number	Remarks
1	105	♂	-	-	-	-	-	IMM	2930	
2	132	♀	-	-	-	-	-	IMM	-	
3	142	♀	-	-	-	-	-	IMM	-	
4	112	♀	-	-	-	-	-	IMM	-	
5	105	♀	-	-	-	-	-	IMM	2931	
6	117	♂						IMM	2932	
7	110	♂						—	—	
8	105	♀						—	—	
9	97	♂						—	—	
10	112	♂						—	—	
11	121	♂						—	—	
12	108	♀						—	—	
13	112	♂						—	2934	
14	104	♂						—	—	
15	246	♂						—	2936	
16	123	♀						—	2939	
17	140	♀						—	2940	
18	144	♀						—	—	
19	108	♂						—	2942	
20	116	♂						—	—	
21	116	♂						—	—	
22	108	♂						—	-	
23	97	♂						—	—	
24	98	♂						—	—	
25	450	♂							2945	
26	248	♂						IMM	—	
27	164	♂						IMM	—	
28	151	♀						IMM	—	
29	220	♂							2948	(9)
30	134	♀						IMM	—	
31	110	♂						IMM	—	
32	102	♂						IMM	—	
33	138	♀						IMM	—	
34	118	♂						IMM	—	
35	123	♂						IMM	—	
36	127	♂						IMM	—	
37	131	♀						IMM	—	
38	135	♀						IMM	—	
39	122	♂						IMM	—	
40	118	♀						IMM	—	
41	123	♂						IMM	—	
42	124	♂						IMM	—	
43	134	♂						IMM	-	
44	175	♀						IMM	—	
45	124	♂						IMM	—	
46	141	♀						IMM	—	
47	137	♀						IMM	—	
48	124	♂						IMM	—	
49	114	♂						IMM		
50	132	♂						IMM		

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LENGTH - FREQUENCY DISTRIBUTION

SPECIES: A. aestivalis

DATE: 1/22/76

STATION: 2940

LOCALITY: 26AE

T.L.	♂	♀	Unk		T.L.	♂	♀	Unk	
50-59.9					550-				
60-			4		560-				
70-			21		570-				
80-			1		580-				
90-					590-				
100-					600-				
110-					610-				
120-					620-				
130-					630-				
140-					640-				
150-					650-				
160-					660-				
170-					670-				
180-					680-				
190-					690-				
200-					700-				
210-									
220-									
230-					TOTAL			26	
240-									
250-									
260-									
270-									
280-									
290-									
300-						N = 26			
310-									
320-							UNK	60 - 80	
330-									
340-									
350-									
360-									
370									
380-									
390-									
400-									
410-									
420-									
430-									
440-									
450-									
460-									
470-									
480-									
490-									
500-									
510-									
520									
530-									
540-									

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *A. rapidissima*

DATE: 1/22/76

STATION: 2940

LOCALITY: 26AE

T.L.	♂	♀	Unk
50-59.9			
60-			
70-			
80-			
90-			
100-			
110-			
120-			
130-			
140-		2	
150-			
160-			
170-			
180-			
190-			
200-			
210-			
220-			
230-			
240-			
250-			
260-			
270-			
280-			
290-			
300-			
310-			
320-			
330-			
340-			
350-			
360-			
370			
380-			
390-			
400-			
410-			
420-			
430-			
440-			
450-			
460-			
470-			
480-			
490-			
500-			
510-			
520			
530-			
540-			

T.L.	♂	♀	Unk
550-			
560-			
570-			
580-			
590-			
600-			
610-			
620-			
630-			
640-			
650-			
660-			
670-			
680-			
690-			
700-			
TOTAL		2	

N = 2

Range ♀ 140-144

Species. *Alosa aestivalis*

Specimen Number	F.L.	Sex	Otoliths	Gonads	Fecundity	Scale-cake	Age	Gonad Stage	Station Number	Remarks
351	73	UNK						IMM	2934	
52	73	—						—	—	
53	74	—						—	—	
54	71	—						—	—	
55	76	—						—	—	
56	72	—						—	—	
57	80	—						—	—	
58	55	—						—	—	
59	72	—						—	—	
60	71	—						—	—	
61	77	—						—	—	
62	58	—						—	—	
63	58	—						—	—	
64	51	—						—	—	
65	62	—						—	—	
66	53	—						—	—	
67	51	—						—	—	
68	70	—						—	—	
69	71	—						—	—	
70	54	—						—	—	
71	69	—						—	—	
72	62	—						—	—	
73	62	—						—	—	
74	61	—						—	—	
75	55	—						—	—	
76	67	—						—	—	
77	78	—						—	—	
78	51	—						—	—	
79	54	—						—	—	
80	74	—						—	—	
81	73	—						—	—	
82	61	—						—	—	
83	73	—						—	—	
84	74	—						—	—	
85	54	—						—	—	
86	219	♂						IMM	2938	
87	253	♀						I	—	
88	76	UNK						IMM	2940	probably Numerous - lacking due to Net mesh size
89	75	—						—	—	
90	69	—						—	—	
91	71	—						—	—	
92	80	—						—	—	
93	78	—						—	—	
94	78	—						—	—	
95	74	—						—	—	
96	71	—						—	—	
97	75	—						—	—	
98	77	—						—	—	
99	73	—						—	—	
400	70	—						—	—	

Species: *Alosa aestivalis*

Specimen Number	F.L.	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
401	60	UNK						IMM	2940	
402	72	–						–	–	
3	75	–						–	–	
4	76	–						–	–	
5	69	–						–	–	
6	76	–						–	–	
7	78	–						–	–	
8	79	–						–	–	
9	72	–						–	–	
10	78	–						–	–	
11	73	–						–	–	
12	77	–						–	–	
13	62	–						–	–	
14	NO LENGTH	–						–	–	
15	"	–						–	–	
16	"	–						–	–	
17	78	–						–	2942	
18	80	–						–	–	
19	253	♂							2944	
20	257	♂							–	
21	253	♀						I	–	
22	251	♂							–	
23	248	♀						IMM	–	
24	251	♀						I	–	
25	246	♂						–	–	
26	222	♀						IMM	–	(2)
27	264	♀						I	–	
28	267	♂							–	
29	294	♀						I	–	
30	281	♀						IMM	–	
31	271	♀						I	–	
32	247	♀						I	–	
33	197	♂						IMM	–	
34	203	♀						IMM	–	
35	225	♀						IMM	–	
36	275	♀						I	–	
37	277	♀						I	–	
38	256	♂							–	
39	241	♂							–	
40	235	♀						IMM	–	
41	203	♂						IMM	–	
42	206	♀						IMM	–	
43	177	♀						IMM	–	
44	191	♀						IMM	–	
45	235	♀						I	–	
46	214	♀						IMM	–	
47	211	♂						IMM	–	
48	175	♂						IMM	–	
49	193	♂						IMM	–	
450	236	♀						I	–	